

1600
1649
01PE
CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/903,640A

ENTERED

CRF Processing Date:

Edited by:

Verified by:

2/12/2002

(STIC Staff)

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 193 Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:RECEIVED
FEB 21 2002
1600-2900



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,640A

DATE: 02/12/2002
TIME: 09:03:31

Input Set : N:\Crf3\02062002\I903640A.raw
Output Set: N:\CRF3\02122002\I903640A.raw

PS

1 <110> APPLICANT: Genentech, Inc.
 2 Ashkenazi, Avi
 3 Botstein, David
 4 Desnoyers, Luc
 5 Eaton, Dan L.
 6 Ferrara, Napoleone
 7 Filvaroff, Ellen
 8 Fong, Sherman
 9 Gao, Wei-Qiang
 10 Gerber, Hanspeter
 11 Gerritsen, Mary E.
 12 Goddard, A.
 13 Godowski, Paul J.
 14 Grimaldi, Christopher J.
 15 Gurney, Austin L.
 16 Hillan, Kenneth, J.
 17 Kljavin, Ivar J.
 18 Mather, Jennie P.
 19 Pan, James
 20 Paoni, Nicholas F.
 21 Roy, Margaret Ann
 22 Stewart, Timothy A.
 23 Tumas, Daniel
 24 Williams, P. Mickey
 25 Wood, William, I.
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 27 Acids Encoding the Same
 28 <130> FILE REFERENCE: 10466-14
 C--> 29 <140> CURRENT APPLICATION NUMBER: US/09/903,640A
 30 <141> CURRENT FILING DATE: 2001-07-11
 31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 32 <151> PRIOR FILING DATE: 2000-02-22
 33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 34 <151> PRIOR FILING DATE: 1999-07-07
 35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
 36 <151> PRIOR FILING DATE: 1999-07-26
 37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
 38 <151> PRIOR FILING DATE: 1999-07-28
 39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 40 <151> PRIOR FILING DATE: 1999-09-08
 41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 42 <151> PRIOR FILING DATE: 1999-09-13
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

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46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
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78 ctgctggaga tcctggagg gctgtgcgag agcagcact tcgaatgc aaatcgtcta 420
79 gagggcgcagg aggacacct ggaggcctgg tggctgcgc tgaagagcga atatcctgac 480
80 ttatttcgagt ggttttgtt gaagacactg aaagtgtgt gctctccagg aacctacgg 540
81 cccgactgtc tcgcataccca gggcgatcc cagaggccct gcagcgggaa tggccactgc 600
82 agcggagatg ggagcagaca gggcgcacggg tcctggcggt gcccacatggg gtaccaggc 660
83 ccgcgtgtca ctgactgcata ggcgcgtac ttcagctgc tccggaaacgc gaccacagc 720
84 atctgcacag cctgtgacga gtcctgcaag acgtgtcg gctgtaccaa cagagactgc 780
85 ggcgagtgta aagtggctg ggtgtggac gaggccct gtgtggatgt ggacgagtgt 840
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87 acgtgcgaag agtgtgactc cagctgtgtt ggctgcacag gggaaaggccc aggaaactgt 960
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,640A

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TIME: 09:03:31

Input Set : N:\Crf3\02062002\I903640A.raw
Output Set: N:\CRF3\02122002\I903640A.raw

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96 aaaaaaaaaa aaaggcgcc cgcgactcta gagtcgaccc gcagaagctt gccgcctat 1500
97 gccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
98 cacaaataaa gcatttttt cactgcatc tagttgttgt ttgtccaaac tcatcaatgt 1620
99 atcttatcat gtctggatcg ggaattaatt cggcgacga ccatggcctg aaataacctc 1680
100 taaaaagagga acttggtagt gtaccttctg aggccgaaag aaccagctgt ggaatgtgtg 1740
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113 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114 35 40 45
115 Ala Lys Lys Asn Phe Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116 50 55 60
117 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118 65 70 75 80
119 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120 85 90 95
121 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122 100 105 110
123 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124 115 120 125
125 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126 130 135 140
127 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128 145 150 155 160
129 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130 165 170 175
131 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132 180 185 190
133 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134 195 200 205
135 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136 210 215 220
137 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138 225 230 235 240
139 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
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RAW SEQUENCE LISTING
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Output Set: N:\CREF3\02122002\I903640A.raw

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148          305          310          315          320
149 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
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162 aacagccctg gctgaggggag ctgcagcgca gcagagtatac tgacggcgcc aggttgcgtta 180
163 ggtgcggcac gaggagttt cccggcagcg aggaggctt gagcagcatg gccccggagga 240
164 gcgccttccc tgccgcccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165 gggcggaggc cgggcccgcg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
166 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
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168 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
169 ccttgcgtc cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600
170 gaacagtgcc tcacaaggca tcagttgttc aagttgggtt cccatgtctt gaaaaacagg 660
171 atggggtgtgc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
172 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
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177 ctccaggact agagggagag cagtgtgaaa tcagccaaatg cccacaaccc tgtcgaaatg 1080
178 gaggttaaatg cattggtaaa agccaaatgta agtgttccaa aggttaccag ggagacctct 1140
179 gttcaaagcc tgtctgcag cctggctgt gtgcacatgg aacctgccc gaaaccaaca 1200
180 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac gaagccagcc 1260
181 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320
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185 actgagctga tatttactct tccttttaag ttttcaagt acgtctgttag catgatggta 1560
186 tagatttct tggatgttgc gtttggaca gattttat tatgtcaatt gatcaggtta 1620
187 aaattttcag tgtgtatgtt gcatgttattt tcaaaattac aatgcattt tggtgtctgg 1680
188 gggcaggggaa acatcagaaa gtttaattt ggccaaaatg cgtaagtcac aagaatttgg 1740
189 atgggtcagt taatgttcaa gttacagcat ttcagatattt attgtcagat atttagatgt 1800
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192 tttaaacaata taatatattc taaacacaat gaaataggaa atataatgtt tgaactttt 1980
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,640A

DATE: 02/12/2002
TIME: 09:03:31

Input Set : N:\Crf3\02062002\I903640A.raw
Output Set: N:\CRF3\02122002\I903640A.raw

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206          20          25          30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208          35          40          45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210          50          55          60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212          65          70          75          80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214          85          90          95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216          100         105         110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218          115         120         125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220          130         135         140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222          145         150         155          160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224          165         170         175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226          180         185         190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228          195         200         205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230          210         215         220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232          225         230         235          240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234          245         250         255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236          260         265         270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238          275         280         285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240          290         295         300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242          305         310         315          320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

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→ Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/903,640A

DATE: 02/12/2002
TIME: 09:03:32

Input Set : N:\Crf3\02062002\I903640A.raw
Output Set: N:\CRF3\02122002\I903640A.raw

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L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206